

HP StorageWorks ESL E-Series Tape Library

Pre-Installation Site Survey

The purpose of this document is to facilitate the delivery and installation of the HP StorageWorks ESL E-Series Tape Library. Please review library unpacking instructions available from <http://www.hp.com/support> before completing this survey document.

This Pre-Installation Site Survey must be completed prior to installation of the tape library for the following reasons:

- Advance planning is necessary to ensure that the library can be received, unpacked, moved to the installation site, and installed.
- A tape library fully populated with 24 tape drives weighs approximately 1350 lbs. (612 kg). It occupies a footprint of 30 x 48 in. (76 x 122 cm), and is 75 in. (191 cm) tall.
- The tape library is rated: 200-240VAC, 50-60Hz, 8A, 1600W.
- Library power requirements may require modification of the facility's existing power capabilities by a qualified electrician. The required wall outlet for the United States and Canada is shown below. The dedicated outlet and a 20 amp circuit breaker must provide power to one library only. Outside North America, replace the supplied power cord with a harmonized 3 x 1.5 mm² power cord that is approved by the country where used, and install the appropriate wall outlet. For a listing of power cords available from HP, see the product QuickSpecs available from <http://www.hp.com/go/automated>.

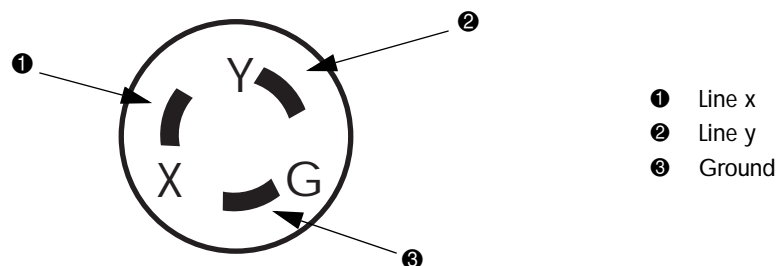


Figure 1: Wall outlet, NEMA L6-20R-rated 250v 20a

Please review the library unpacking instructions, *HP StorageWorks ESL E-Series Tape Library Unpacking and Installation Guide*, before attempting to complete this document. The instructions are available from <http://www.hp.com/support>.

Site Survey

Site Information

Date

Site Name

Address

City

State, ZIP

Country

VAR

Sales Order #

HP Call

Contacts

Please provide the following information for the person who completed this document.

Contact	Name	Phone Number	e-mail
Customer			
Customer			
VAR Sales Rep.			
VAR Field Engineer			
HP Sales Rep.			
HP Sales Sup. Rep.			
HP System Engineer			
HP Field Engineer			

ISV Back-Up Application Software Information

Product Name	Version	List Patches	List Options

Host Bus Adapters Interface Information

Product Name	Model Name & Driver Rev.	Server (Master or Client)	Connection Type (SCSI or FC)	No. of HBA Ports

Host Bus Adapter Driver Information

Filename	Version	Comments

Additional Information

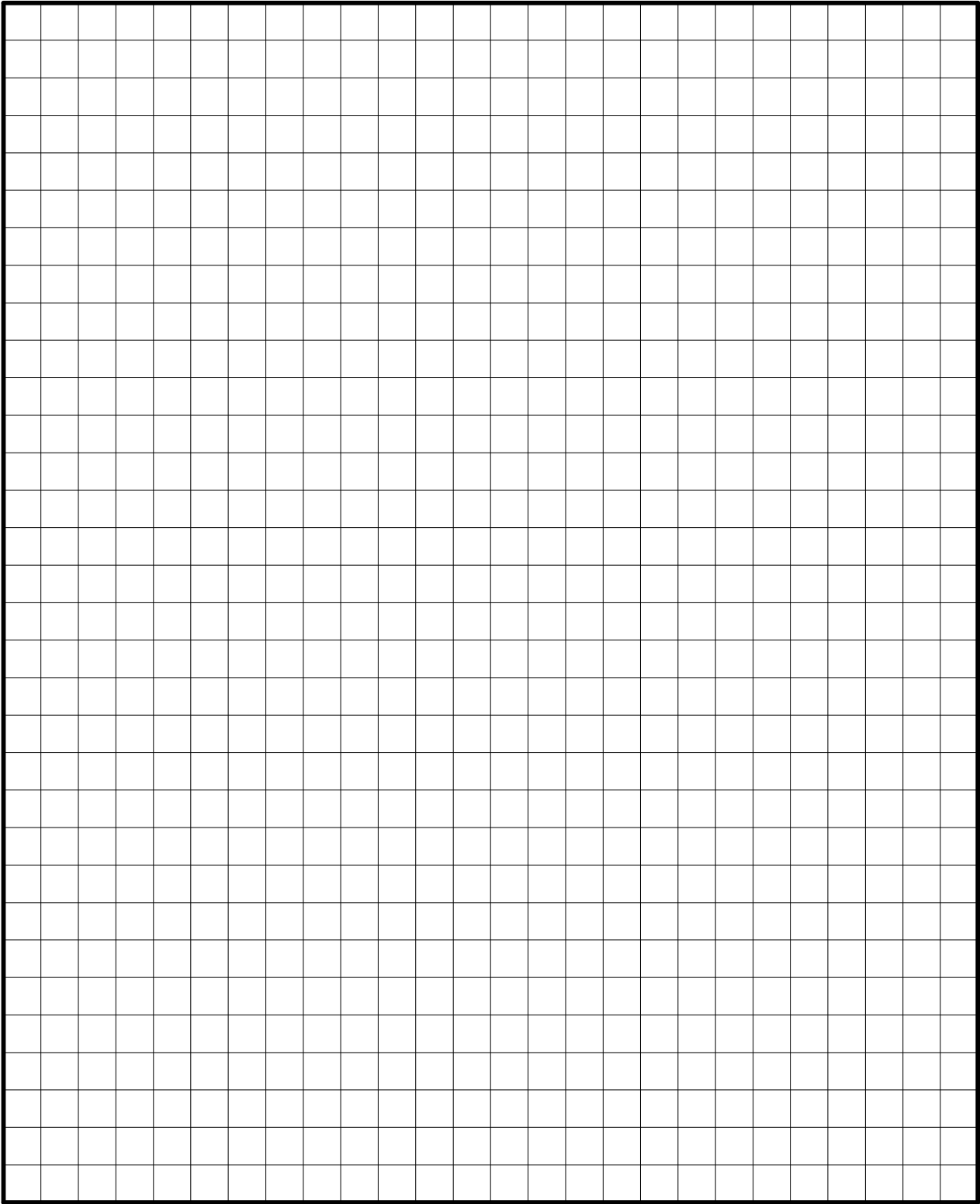
Pre-Installation Requirements Survey

	Site Ready?		
	Yes	No	N/A
Receiving the Library—Physical Requirements			
1. Is there a loading dock (standard height) that is accessible by tractor-trailer?			
2. Is there a minimum of two people available to help uncrate the library?			
3. Are pallet jacks or moving dollies available?			
4. Is there adequate space to uncrate the library?			
5. Are tools for uncrating the library available? Metal snips, 3/8 in. wrench (for PX720), safety goggles, 7/16 in. wrench, and a carpenter's level.			
Installation Route Requirements (receiving dock to installation site)			
6. Are the clearances of all doorways and elevators on the route adequate?			
7. Is the route free of steps? (No steps should exist along route).			
8. Will all flooring (route and installation site) support 1500 lbs. (680 kg) per library frame?			
9. Is the route free of carpet or obstacles that would impede caster movement?			
Installation Requirements			
10. Is the correct number of HP StorageWorks E2400-160 Fibre Channel interface controllers available or on order (one FC controller for every four tape drives)?			
11. Has the equipment location/arrangement been planned? (power source/host/library/cabling).			
12. Is service and traffic clearance provided (ceiling height/sprinkler heads/cable racks)? (Please refer to the Site Requirement section of the unpacking instructions for floor space requirements).			
13. Are Fibre Channel cables available or on order?			
14. Are there two dedicated power sources with the correct outlets available? (See page 1 of this survey.) The library has standard redundant power supplies.			
15. Are the power cords supplied (NEMA 6-20 plug) adequate for this installation? (If not, please refer to the information on page 1 of this survey).			
16. If the library is connected to a UPS, is a bypass switch planned?			
17. Is emergency power-off capability provided?			
18. Is the power disconnect (breaker panel or bypass switch) located within sight of the library? (This is a National Electric Code requirement).			
19. Are the temperature, humidity, and airborne contamination at the installation site controlled?			
20. Has a qualified application backup software been installed on the host? (Please refer to the product QuickSpecs for software compatibility information).			
21. Has access to the customer site been provided to complete this survey?			

Note: If any of the survey questions have been answered "No", there may be a delay in the shipment of the library. Please refer to "Contingency Plans" on page 7.

Draw a map on the following page showing the route the library will follow from the receiving dock to the installation site. Note any potential obstacles such as steps, ramps, carpet, thresholds, elevator size and weight ratings, raised floor weight ratings, and rough surfaces. Confirm the installation site selection is appropriate for the size and weight of the library.

Draw Route Map Here



Unusual Conditions

Note any unusual detrimental conditions that exist at the installation site. Consider temperature, humidity, and airborne contamination conditions.

1.

2.

3.

4.

5.

Contingency Plans

Note the question number and the contingency plan for each item in the survey for which you answered “no” (site not ready).

1.

2.

3.

4.

Site Status

☐ This site has satisfied the survey requirements and is ready to receive an HP StorageWorks ESL E-Series tape library.

☐ There are ☐ open items before the requirements of this survey are satisfied.

Verification

This document was completed by:

Name

Title

Company

Signature

Signature (if other than preparer)

Authorized HP Representative

Name

Title

Signature

Part Number: 358836-001
First Edition, January 2003